



Crop Weather Report

Issue: 08-20

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Monthly: Nov-Mar

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For the Week Ending:
July 27, 2008

Weather Summary

Montana received limited precipitation along with warmer temperatures for the week ending July 27th. Cut Bank received the most weekly accumulated moisture for the week at 1.83 inches. Highs were mostly in the 90s and 100s, and lows were mostly in the 40s. Roundup for the second week in a row had the high temperature of 103 degrees, and Wisdom for the second week in a row had the low temperature of 36 degrees. Topsoil moisture adequate and surplus, at 33 percent, is above last week's 26 percent, last year's 17 percent, and the five-year average of 23 percent. Subsoil moisture adequate and surplus, at 38 percent, is above last week's 36 percent and last year's 32 percent, and the five-year average of 28 percent. The number of days suitable for field work was 6.2 days.

The weather outlook for August 4th through August 10th is for near normal temperatures and near normal precipitation for east of the continental divide and for near normal temperatures and below normal precipitation west of the divide. Normal temperatures for this period in Montana are highs in the upper 70s to the upper 80s and lows in the lower 40s to the lower 60s.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Barley				
Very Poor	1	1	16	7
Poor	6	8	19	14
Fair	35	38	25	29
Good	50	50	32	40
Excellent	8	3	8	10
Durum Wheat				
Very Poor	12	10	4	7
Poor	31	35	18	17
Fair	31	29	28	25
Good	25	26	38	42
Excellent	1	0	12	9
Oats				
Very Poor	3	3	3	5
Poor	7	9	12	10
Fair	40	47	27	28
Good	47	38	48	47
Excellent	3	3	10	10
Spring Wheat				
Very Poor	5	5	12	8
Poor	10	9	15	14
Fair	33	33	25	30
Good	45	51	42	41
Excellent	7	2	6	7
Winter Wheat				
Very Poor	1	2	3	3
Poor	8	9	5	7
Fair	37	35	30	29
Good	40	40	46	43
Excellent	14	14	16	18

Livestock Report

Range and pasture feed conditions are below last week and last year, but they are still better than the five-year average. Pastures are in need of moisture.

Soil Moisture & Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	25	23	37	34
Short	42	51	46	43
Adequate	32	25	16	22
Surplus	1	1	1	1
Subsoil Moisture				
Very Short	20	15	28	32
Short	42	49	40	40
Adequate	37	35	31	28
Surplus	1	1	1	0
Days Suitable for Fieldwork				
Days	6.2	6.7	6.8	6.9

Field Crops Report

Spring wheat conditions have declined, while barley and oats conditions improved this week from the previous week. Durum wheat and winter wheat condition are similar to last week's. Farmers began harvesting winter wheat and are well behind last year's 48 percent and the five year average of 37 percent. Hay producers have almost completed first cutting of alfalfa and are beginning the second cutting. The first cuttings of alfalfa and other hay are behind last year and the five-year average.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Boot Stage				
Barley	96	95	100	100
Oats	97	94	100	98
Headed				
Barley	88	87	96	95
Durum Wheat	90	82	94	90
Oats	90	81	98	96
Spring Wheat	96	89	97	96
Turning				
Barley	40	29	88	67
Durum Wheat	59	41	54	53
Oats	64	40	84	62
Spring Wheat	49	28	79	66
Winter Wheat	93	83	99	98
Blooming				
Lentils	94	91	100	n/a
Harvested				
Dry Peas	10	6	36	n/a
Lentils	1	n/a	23	n/a
Winter Wheat	2	n/a	48	37
Hay First Cutting				
Alfalfa	94	90	99	97
All Other Hay	86	82	96	91
Hay Second Cutting				
Alfalfa	2	1	24	16

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	5	5	10	13
Poor	15	12	12	18
Fair	36	38	31	32
Good	30	38	37	30
Excellent	14	7	10	7

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents
USDA County Service Centers

Weather Information for the Week ending 07/27/2008

Station ID							Precipitation						
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	Low	Avg	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	95	47	69	132	+6	0.08	-0.13	5.36	-0.38	93	14.64	+3.14	127
Anaconda	92	43	68	127	+23	0.04	-0.24	5.39	-0.80	87	11.86	+1.24	112
Clinton	94	44	69	131	+42	0.72	+0.53	7.13	+1.67	131	15.68	+2.70	121
Corvallis	92	46	68	128	+4	0.16	-0.05	2.69	-2.47	52	7.02	-2.41	74
Creston	89	44	67	124	+19	0.42	+0.07	8.00	-0.71	92	11.82	-5.14	70
Deer Lodge	91	42	66	112	+24	0.38	+0.06	4.77	-0.79	86	7.17	-0.83	90
Drummond	94	41	67	117	+12	0.23	-0.02	5.23	-0.38	93	9.97	-0.17	98
Hamilton	90	48	69	135	+16	0.00	-0.21	2.62	-2.68	49	5.97	-2.24	73
Kalispell	91	42	68	127	+25	0.28	+0.00	6.02	-0.80	88	11.10	-3.54	76
Missoula	97	50	72	155	+29	0.16	-0.05	4.67	-1.07	81	9.40	-2.10	82
Olney	91	44	66	116	+32	0.55	+0.20	5.20	-2.76	65	17.92	-1.88	91
Polson	93	50	69	134	+1	0.19	-0.09	6.25	-0.70	90	10.56	-2.85	79
St Ignatius	94	48	70	140	+14	0.42	+0.14	7.21	-0.33	96	11.26	-2.52	82
Seeley Lake	93	37	66	115	+17	0.29	+0.06	4.28	-1.99	68	14.95	-2.88	84
Sula	89	37	64	102	+25	0.15	-0.13	6.22	-0.96	87	11.98	-1.31	90
Superior	96	45	70	145	+12	0.13	-0.08	7.56	+1.86	133	16.69	+2.64	119
Swan Lake	91	42	65	106	+22	0.48	+0.20	7.56	-0.79	91	24.17	-0.75	97
Thompson Falls	95	48	70	142	-1	0.06	-0.15	5.23	-1.78	75	21.39	+0.85	104
West Glacier	90	43	67	121	+18	0.30	-0.05	8.12	-1.31	86	26.30	+1.25	105
NORTH CENTRAL													
Chester	94	45	69	138	+16	0.69	+0.41	7.72	+1.71	128	9.35	+0.94	111
Chinook	97	48	70	143	+10	0.47	+0.12	9.21	+2.13	130	11.44	+1.28	113
Choteau	95	47	71	147	+28	0.44	+0.16	8.56	+2.51	141	10.92	+3.09	139
Cut Bank	92	45	67	119	+21	1.83	+1.50	9.74	+2.73	139	10.67	+1.20	113
Ft Assinniboine	96	47	70	145	+5	0.56	+0.21	8.34	+1.28	118	10.02	-0.29	97
Fort Benton	98	45	71	151	+7	0.32	+0.05	8.83	+1.69	124	11.34	+0.52	105
Goldbutte	92	37	66	113	+8	0.06	-0.22	8.72	+1.54	121	11.00	+0.67	106
Harlem	95	45	73	160	+27	0.19	-0.16	6.43	-0.14	98	7.89	-1.15	87
Havre	97	45	72	155	+22	0.55	+0.24	6.56	+0.58	110	8.04	-1.07	88
Malta	97	54	74	169	+29	0.28	-0.07	7.08	-0.28	96	10.75	+0.42	104
Rudyard	94	46	70	142	+16	0.08	-0.15	8.87	+3.10	154	9.56	+1.95	126
Shelby	92	43	68	127	+22	0.28	+0.03	7.06	+0.54	108	8.35	-1.13	88
Turner	95	46	70	140	+21	0.20	-0.13	7.86	+1.23	119	9.08	+0.19	102
Valier	93	44	70	141	+22	0.15	-0.13	7.64	+0.66	109	9.66	+0.35	104
NORTHEAST													
Bredette	93	51	71	147	+7	1.02	+0.53	6.36	-1.41	82	9.15	-1.05	90
Culbertson	96	50	75	174	+25	0.39	-0.05	4.39	-3.55	55	6.61	-4.03	62
Glasgow	97	52	74	171	+24	0.20	-0.15	7.55	+1.27	120	9.86	+1.01	111
Glendive	99	56	78	198	+30	0.52	+0.17	6.10	-1.27	83	7.91	-2.69	75
Jordan	100	48	76	180	+24	0.29	-0.06	6.84	-0.18	97	10.20	-0.15	99
Nashua	97	51	75	177	+16	0.82	+0.39	7.56	+0.68	110	9.63	+0.45	105
Opheim	92	42	69	133	+21	0.61	+0.15	6.91	-0.76	90	9.15	-0.66	93
Plentywood	94	49	72	159	+23	0.11	-0.32	5.24	-2.24	70	7.39	-2.87	72
St Marie	95	52	74	169	+22	0.61	+0.26	6.22	-0.06	99	8.23	-0.62	93
Scobey	94	48	72	157	+38	1.20	+0.78	9.77	+2.27	130	12.70	+2.92	130
Sidney	93	52	75	176	+22	0.41	+0.00	4.55	-3.31	58	6.33	-5.02	56
Wolf Point	99	51	74	170	+9	0.89	+0.54	6.88	+0.14	102	8.37	-1.03	89
CENTRAL													
Cascade	92	37	67	119	+28	0.62	+0.27	10.60	+2.74	135	15.20	+3.80	133
Grass Range	95	51	72	155	+36	0.02	-0.40	11.02	+1.85	120	14.98	+1.51	111
Great Falls	97	48	72	157	+38	0.12	-0.18	8.63	+1.20	116	11.46	-0.40	97
Harlowton	96	50	71	146	+27	0.12	-0.23	10.90	+3.11	140	15.05	+3.88	135
Helena	98	53	75	177	+44	0.14	-0.14	5.22	-0.49	91	7.76	-1.10	88
Lewistown	94	48	71	147	+36	0.04	-0.38	9.86	+0.75	108	12.58	-1.82	87
Martinsdale	95	44	69	137	+46	0.77	+0.37	7.36	+0.03	100	10.85	+0.18	102
Neihart	90	41	67	122	+26	0.28	-0.20	11.78	+1.10	110	18.95	+1.85	111
Rogers Pass	95	45	68	129	+22	0.27	-0.08	10.46	+1.50	117	14.01	-0.17	99
Roundup	103	51	78	195	+43	0.37	+0.02	8.63	+1.37	119	11.28	+0.73	107
Ryegate	94	50	71	146	+27	0.14	-0.21	8.91	+1.92	127	11.95	+1.76	117
Stanford	93	49	71	145	+26	0.10	-0.32	8.97	-0.18	98	12.57	-1.06	92
Townsend	91	49	70	140	+18	0.34	+0.06	4.93	-0.76	87	7.12	-1.06	87
Valentine	98	49	72	159	+26	0.08	-0.34	9.84	+2.40	132	12.53	+1.67	115
Wht Sulphur Spr	91	45	68	125	+23	0.76	+0.48	7.14	+0.09	101	10.81	+0.14	101
SOUTHWEST													
Boulder	92	46	70	140	+30	0.40	+0.09	5.60	-0.43	93	8.27	-0.60	93
Bozeman	93	46	70	144	+18	1.45	+1.17	12.66	+3.27	135	21.23	+5.34	134
Butte	90	42	66	110	+13	0.39	+0.11	5.78	-0.65	90	7.96	-2.25	78
Dillon	94	49	70	140	+28	0.55	+0.34	3.73	-1.83	67	6.66	-1.14	85
Ennis	94	42	67	123	+15	0.22	-0.06	6.40	-0.59	92	11.52	+0.61	106
Lakeview	91	47	68	128	+58	0.19	-0.16	5.68	-2.83	67	13.21	-2.69	83
W Yellowstone	91	45	66	116	+46	0.53	+0.17	7.31	-0.24	97	19.01	+0.25	101
Wisdom	93	36	63	92	+31	0.37	+0.09	4.85	-0.76	86	10.55	+0.87	109
SOUTH CENTRAL													
Billings	97	59	77	192	+31	0.49	+0.25	6.13	-1.12	85	10.09	-2.40	81
Cooke City	91	48	69	137	+88	0.15	-0.29	6.05	-3.19	65	11.37	-9.89	53
Gardiner	94	49	73	159	+19	0.32	+0.04	2.26	-2.50	47	6.08	-1.87	76
Hardin	100	53	79	207	+39	0.20	-0.01	7.40	+1.36	123	10.32	+0.26	103
Huntley	100	51	74	172	+30	0.46	+0.18	7.77	+0.60	108	11.71	+0.13	101
Hysham	96	53	76	184	+30	0.12	-0.16	8.09	+1.00	114	11.16	+0.13	101
Joliet	95	51	72	153	+15	0.08	-0.13	7.17	-0.43	94	11.31	-1.87	86
Livingston	98	49	73	160	+31	0.12	-0.17	7.40	-0.85	90	11.08	-1.68	87
Nye	92	43	69										